

Contents

(Abstract/indexed in: Chemical Abstracts; Current Contents; Physical, Chemical & Earth Sciences; INSPEC; PASCAL/CNRS)

Vol. 75

Review

Modeling of amphiphilic polymers and their interactions with nonionic surfactants A.C. Balazs, K. Huang and T. Pan (Pittsburgh, PA, USA).....	1
Surfactant-surfactant interactions in their binary mixtures in the mixed solvent 1,4-dioxane + H ₂ O K. Anand, O.P. Yadav and P.P. Singh (Hisar, India)	21
Colloidal antiwear additives. 2. Tribological behaviour of colloidal additives in mild wear regime J.L. Mansot (Nantes, France), M. Hallouis and J.M. Martin (Ecully, France).....	25
On the thermodynamic stability of small droplets at positive line tension B.V. Toshev and M.Z. Avramov (Sofia, Bulgaria)	33
Hydroxide ion specific adsorption on cetyltrimethylammonium bromide micelles explains kinetic data C. Dolcet and E. Rodenas (Madrid, Spain)	39
Small-angle neutron scattering study of the swelling of glycerol lacto palmitate preparations as a function of D ₂ O concentration J.B. van Tricht and M.T. Rekveldt (Delft, The Netherlands), J.M.M. Westerbeek and A. Prins (Wageningen, The Netherlands)	51
Spin-labelling study of dextran-coated silica: Effect of cross-linking A. Touhami, H. Hommel and A.P. Legrand (Paris, France), A. Serres, D. Muller and J. Jozefonvicz (Villetaneuse, France)	57
Particles of aluminum metaphosphate containing closed pores. Preparation, characterization and optical properties E.C. de Oliveira Lima and F. Galembeck (Campinas, Brazil)	65
Sedimentation of metallic particles in oils and emulsions F. Legay-Désesquelles, B. Prunet-Foch and M. Vignes-Adler (Chasseneuil du Poitou, France).....	75
Interpretation of the pH dependence of protein adsorption on clay mineral surfaces and its relevance to the understanding of extracellular enzyme activity in soil H. Quiquampoix and S. Staunton (Montpellier, France), M.-H. Baron (Thiais, France) and R.G. Ratcliffe (Oxford, UK)	85
Particle deposition on partially coated surfaces T. Dabros and T.G.M. van de Ven (Montreal, Que., Canada)	95
Contact angles of a binary liquid mixture on a hydrophobic surface and their interpretation with Neumann's equation of state A. Lhassani, E. Tronel-Peyroz and R. Benne (Montpellier, France).....	105
Aggregative growth of silica from an alkoxysilane in a concentrated solution of ammonia A. Burneau and B. Humbert (Vandoeuvre-lès-Nancy, France)	111
Solids-stabilized oil-in-water emulsions: scavenging of emulsion droplets by fresh oil addition Y. Yan and J.H. Masliyah (Edmonton, Alta., Canada)	123
Determination of critical micelle concentration in the thionin-sodium dodecyl sulphate micellar system K. Szabó, N. Marek and S. Kunsági-Máté (Pécs, Hungary)	133
Selective adsorption studies of manganese on lead dioxide from aqueous solutions H. Ahmad, M. Afzal, S.M. Hasany and F. Mahmood (Islamabad, Pakistan).....	137
Axisymmetric electrophoresis of coaxial spheroids H.J. Keh and J.B. Chen (Taipei, Taiwan, ROC) and S. Kim (Madison, WI, USA).....	147

Wettability and surface tension of fluorite	
B. Janczuk, J.M. Bruque and M.L. González-Martín, (Badajoz, Spain) and J. Moreno del Pozo (Cáceres, Spain)	163
Interfacial behaviour of crude oil/alkali systems in the presence of partially hydrolysed polyacrylamide	
H.A. Nasr-El-Din and K.C. Taylor (Calgary, Alta., Canada)	169
Kinetics of colloid particle adsorption from slot impinging jets	
Z. Adamczyk, L. Szyk and P. Warszyński (Cracow, Poland)	185
Creaming and rheology of emulsions containing polysaccharide and non-ionic or anionic surfactants	
E. Dickinson and M.I. Goller (Leeds, UK) and D.J. Wedlock (Sittingbourne, UK)	195
Adsorption at the solid-solution interface and micelle formation in water of the poly(oxyethylene-styrene-oxyethylene) triblock copolymer	
A. Jada, B. Siffert and G. Riess (Mulhouse, France)	203
Functional Langmuir films with glucose oxidase	
S. Yu. Zaitsev (Moscow, Russian Federation)	211
Surface properties of monoglyceride monolayers spread on aqueous glycerol solutions	
J.M. Rodríguez Patino and M. Ruiz Domínguez (Seville, Spain)	217
The measurement of dynamic surface tensions of highly viscous liquids by the maximum bubble pressure method	
V.B. Fainerman and A.V. Makievski (Donetsk, Ukraine) and R. Miller (Berlin, Germany)	229
Interfacial activity of hydrophobic sulfonamides from 2-(aminomethyl)pyridine and <i>o</i> -phenylenediamine in model liquid/liquid extraction systems	
J. Szymanowski and K. Prochaska (Poznań, Poland), J. Beger and R. Neumann (Freiberg, Germany)	237
Dynamic surface tensions and dynamic surface potentials	
G. Geeraerts, P. Joos and F. Villé (Wilrijk, Belgium)	243
AOT reversed micelles as carriers of amino acids across liquid membranes. Search for selectivity and chirality effect	
M. Hebrant, P. Mettelin, C. Tondre and J.-P. Joly (Vandoeuvre-lès-Nancy, France), C. Larpent and X. Chasseray (Rennes-Beaulieu, France)	257
<i>Brief Notes</i>	
The Hamaker coefficient for titanium dioxide (rutile) in liquid media	
R. Buscall (Runcorn, UK)	269
The relation between the surface elasticity modulus and the dynamic surface tension	
P. Joos and M. Van Uffelen (Wilrijk, Belgium)	273
<i>Author Index</i>	277
<i>Subject Index</i>	278
<i>Contents (Vol. 75)</i>	280

